

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096572.D
 Acq On : 15 May 2018 9:46
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: May 15 11:48:54 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 11:46:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	655	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2616	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1568	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3531	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3337	0.40	ng	0.01
34) Perylene-d12	24.33	264	3055	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	353	0.17	ng	0.00
5) Phenol-d6	7.51	99	499	0.18	ng	0.00
8) Nitrobenzene-d5	9.44	82	62	0.02	ng	-0.09
11) 2-Methylnaphthalene-d10	12.72	152	887	0.21	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	121	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	1407	0.21	ng	0.00
25) Fluoranthene-d10	19.62	212	8641	0.18	ng	0.00
29) Terphenyl-d14	20.18	244	1500	0.20	ng	0.00

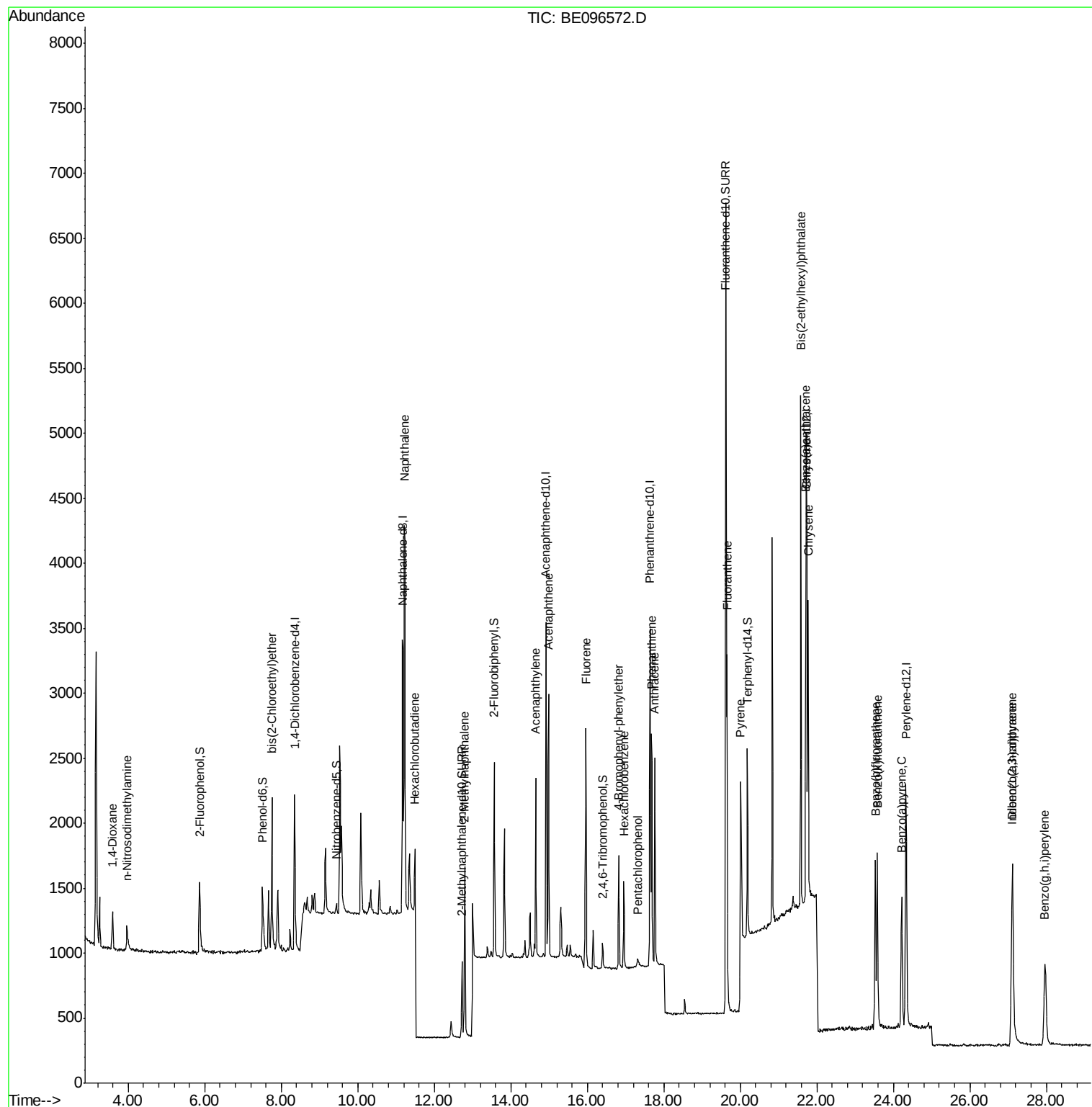
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	195	0.193	ng	# 88
3) n-Nitrosodimethylamine	3.96	42	233	0.188	ng	# 68
6) bis(2-Chloroethyl)ether	7.75	93	484	0.197	ng	92
9) Naphthalene	11.22	128	5745	0.208	ng	# 96
10) Hexachlorobutadiene	11.49	225	330	0.270	ng	98
12) 2-Methylnaphthalene	12.79	142	968	0.212	ng	# 95
16) Acenaphthylene	14.66	152	1603	0.191	ng	99
17) Acenaphthene	14.99	154	1001	0.199	ng	92
18) Fluorene	15.96	166	1251	0.201	ng	# 62
20) 4-Bromophenyl-phenylether	16.82	248	426	0.203	ng	# 66
21) Hexachlorobenzene	16.95	284	475	0.227	ng	# 79
22) Pentachlorophenol	17.31	266	67	0.097	ng	97
23) Phenanthrene	17.67	178	2022	0.204	ng	98
24) Anthracene	17.77	178	1837	0.194	ng	# 95
26) Fluoranthene	19.65	202	2319	0.178	ng	# 97
28) Pyrene	20.00	202	1349	0.205	ng	96
30) Benzo(a)anthracene	21.72	228	2074	0.194	ng	97
31) Chrysene	21.78	228	2211	0.214	ng	96
32) Bis(2-ethylhexyl)phthalate	21.58	149	4313	0.156	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.10	276	960	0.096	ng	# 71
35) Benzo(b)fluoranthene	23.53	252	1916	0.209	ng	# 91
36) Benzo(k)fluoranthene	23.58	252	2017	0.214	ng	# 88
37) Benzo(a)pyrene	24.21	252	1844	0.209	ng	# 86
38) Dibenzo(a,h)anthracene	27.12	278	1672	0.215	ng	# 88
39) Benzo(g,h,i)perylene	27.97	276	1773	0.216	ng	# 88

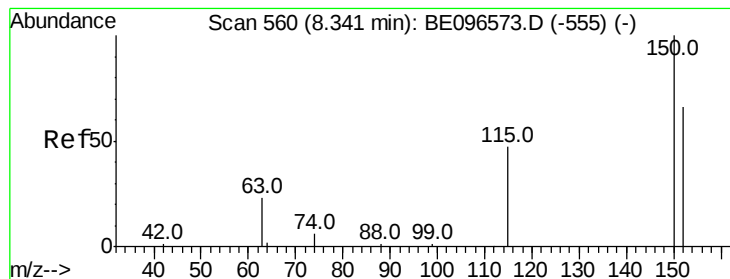
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: May 15 11:48:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
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QLast Update : Tue May 15 11:46:42 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.35 min Scan# 561

Delta R.T. 0.01 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

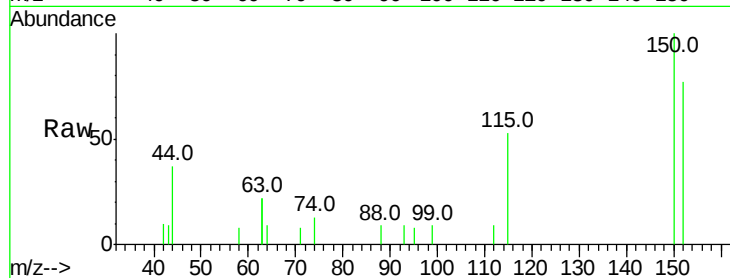
Tot Ion:152 Resp: 655

Ion Ratio Lower Upper

152 100

150 129.4 117.2 175.8

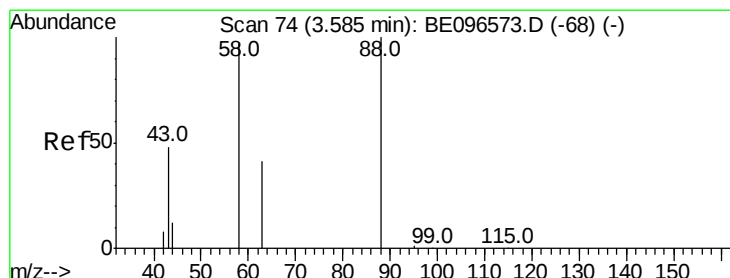
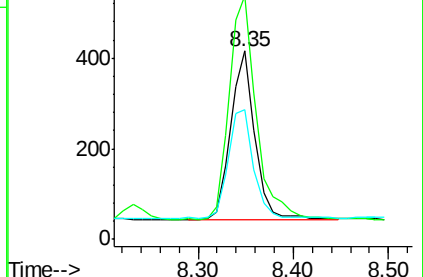
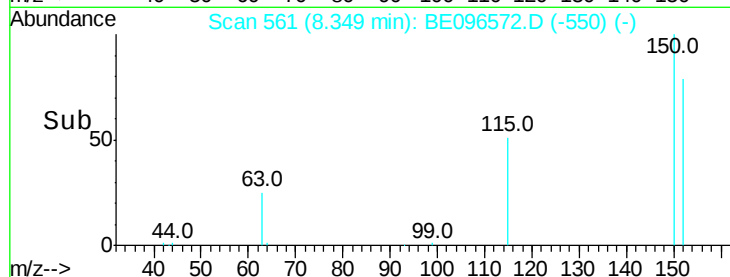
115 69.2 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.193 ng

RT: 3.59 min Scan# 75

Delta R.T. 0.01 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

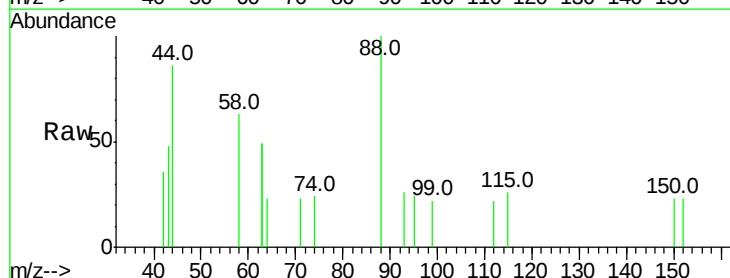
Tgt Ion: 88 Resp: 195

Ion Ratio Lower Upper

88 100

58 87.7 63.2 94.8

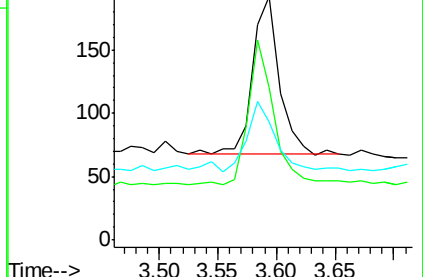
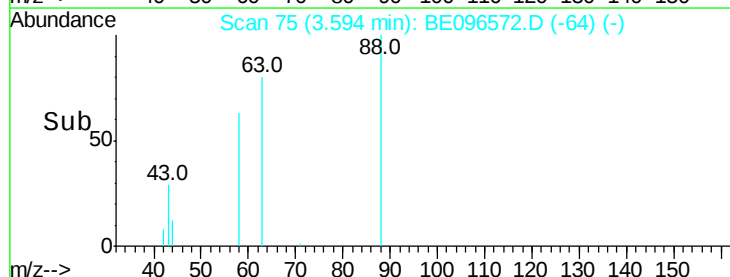
43 40.5 41.2 61.8#

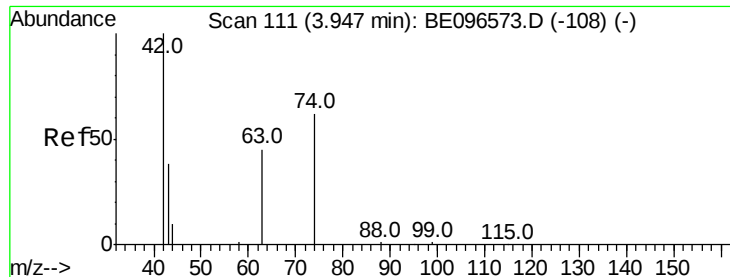


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



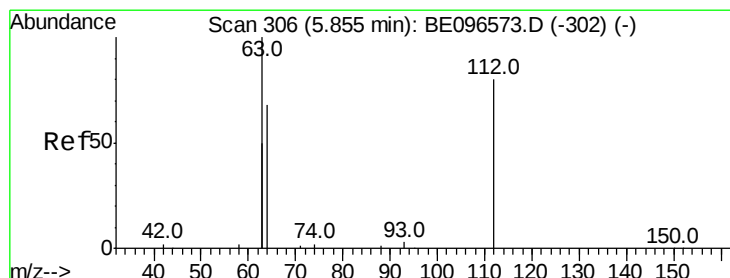
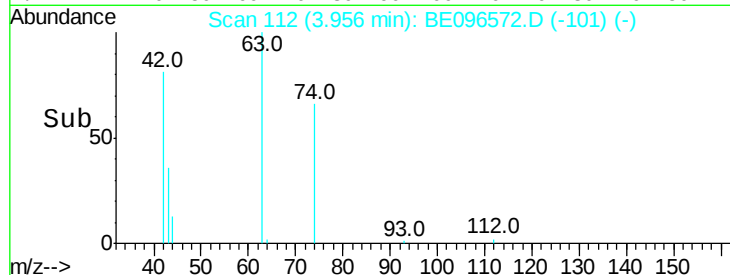
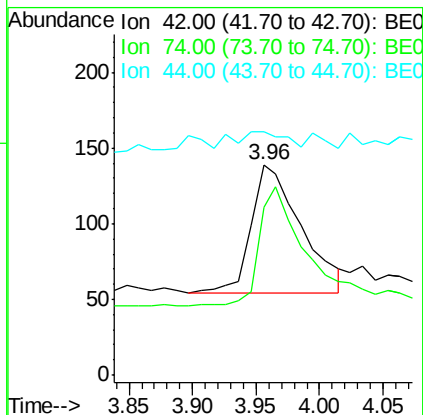
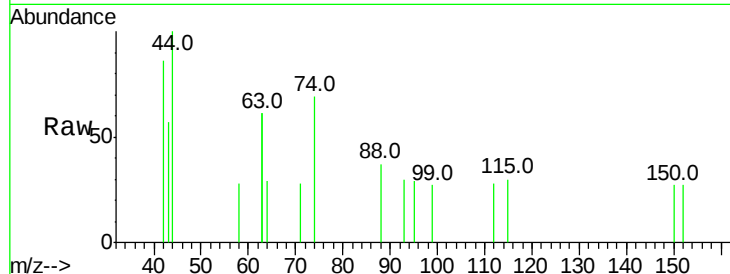


#3

n-Nitrosodimethylamine
 Concen: 0.188 ng
 RT: 3.96 min Scan# 112
 Delta R.T. 0.01 min
 Lab File: BE096572.D
 Acq: 15 May 2018 9:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

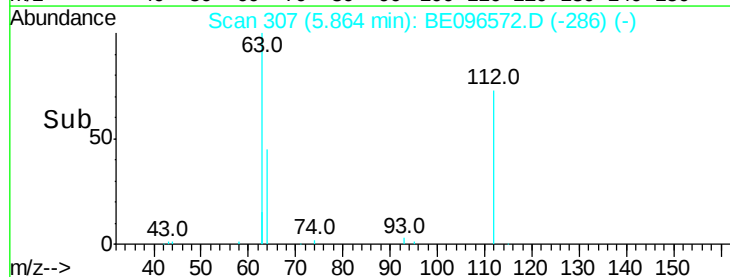
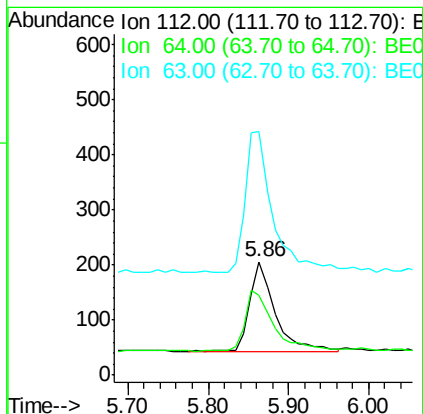
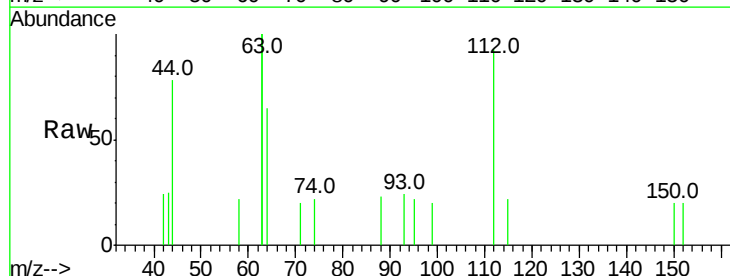
Tot Ion: 42 Resp: 233
 Ion Ratio Lower Upper
 42 100
 74 80.3 96.0 144.0#
 44 13.3 12.0 18.0

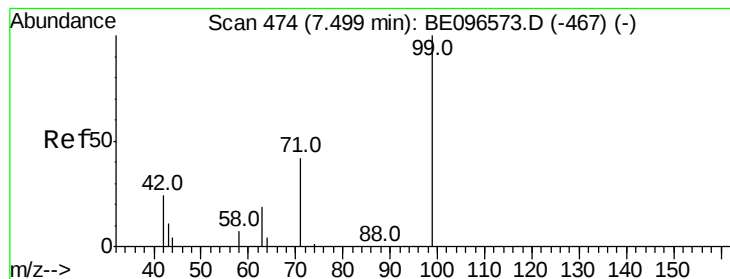


#4

2-Fluorophenol
 Concen: 0.174 ng
 RT: 5.86 min Scan# 307
 Delta R.T. 0.01 min
 Lab File: BE096572.D
 Acq: 15 May 2018 9:46

Tgt Ion: 112 Resp: 353
 Ion Ratio Lower Upper
 112 100
 64 78.8 60.1 90.1
 63 177.6 116.8 175.2#





#5

Phenol-d6

Concen: 0.179 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.01 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

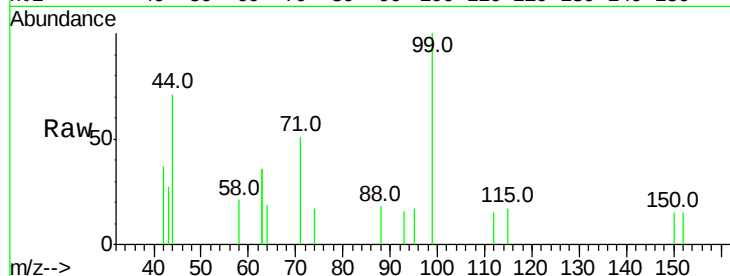
Tot Ion: 99 Resp: 499

Ion Ratio Lower Upper

99 100

42 28.1 20.2 30.2

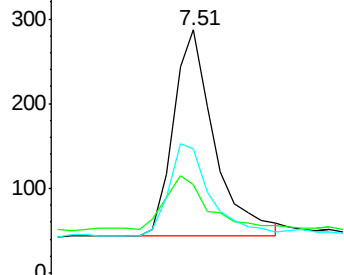
71 45.5 28.4 42.6#



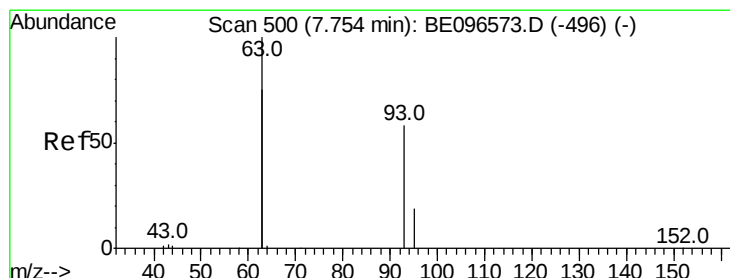
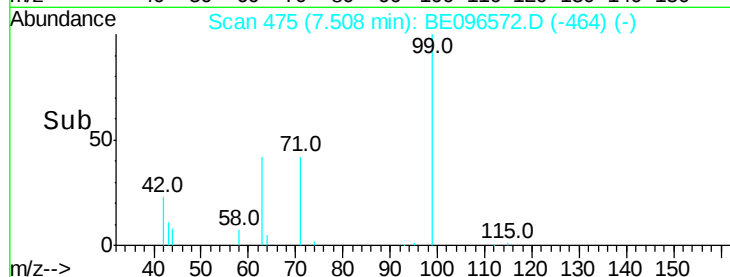
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.197 ng

RT: 7.75 min Scan# 500

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

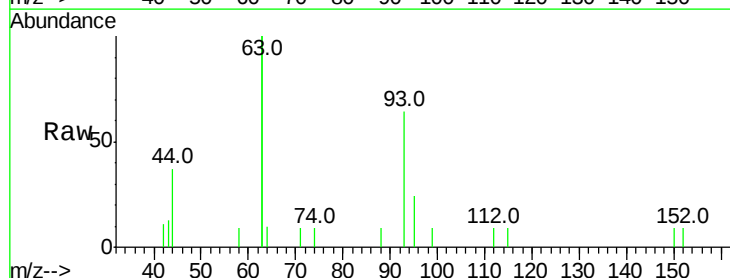
Tgt Ion: 93 Resp: 484

Ion Ratio Lower Upper

93 100

63 325.6 275.3 412.9

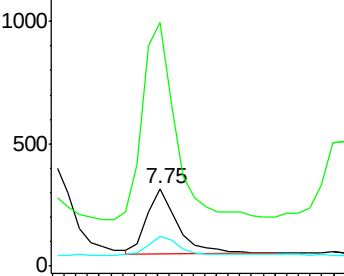
95 30.8 25.2 37.8



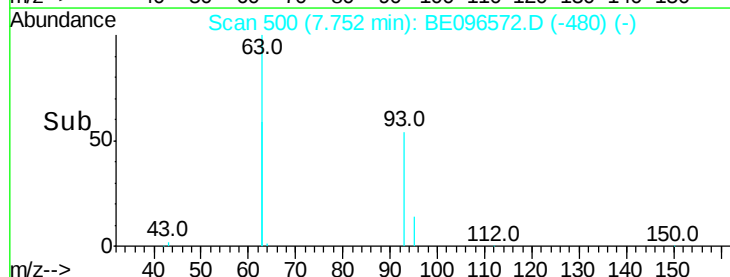
Abundance Ion 93.00 (92.70 to 93.70): BE0

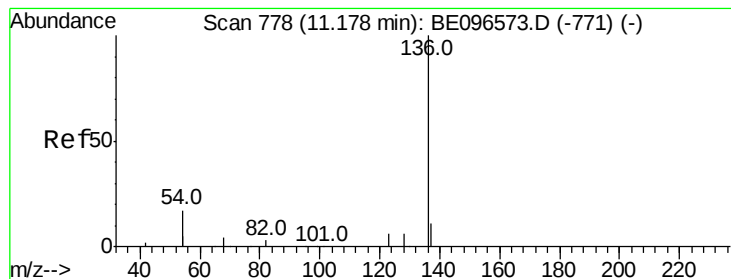
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.18 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

Tot Ion:136 Resp: 2616

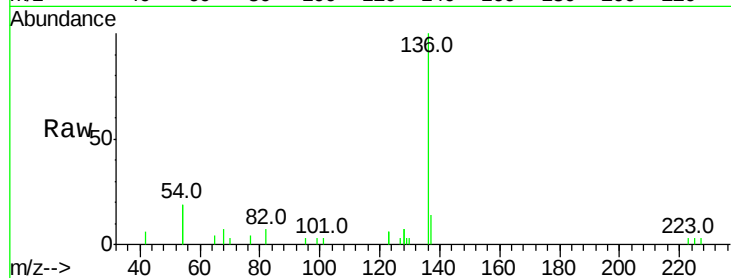
Ion Ratio Lower Upper

136 100

137 14.3 9.5 14.3#

54 37.7 29.1 43.7

68 7.2 6.2 9.2

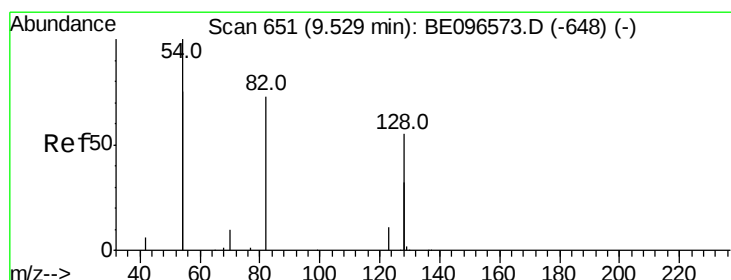
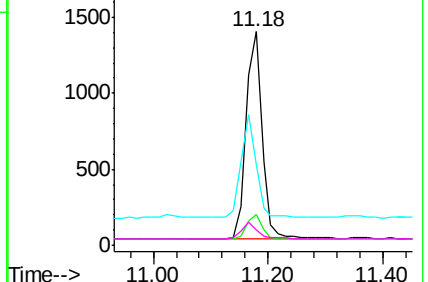
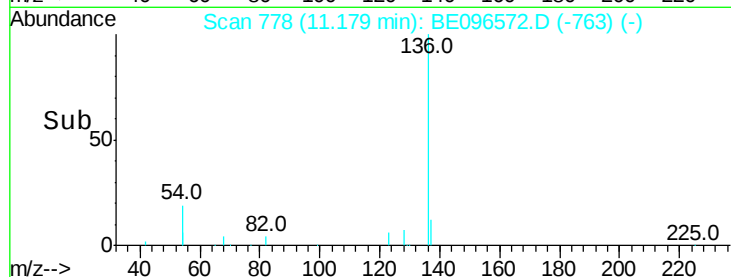


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.020 ng

RT: 9.44 min Scan# 644

Delta R.T. -0.09 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

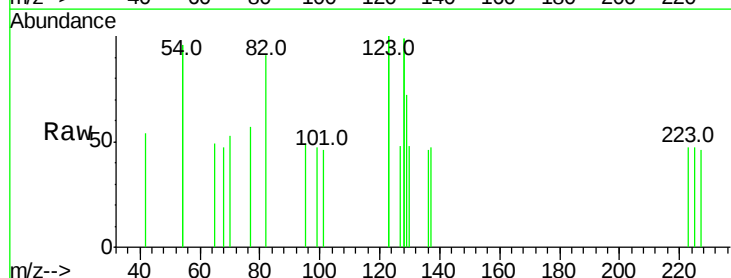
Tgt Ion: 82 Resp: 62

Ion Ratio Lower Upper

82 100

128 216.5 150.0 225.0

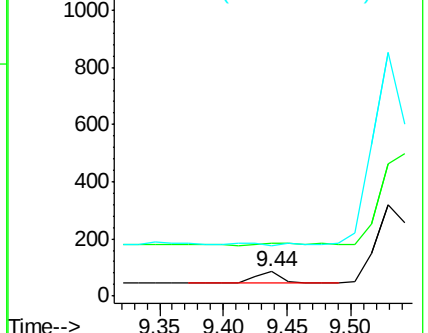
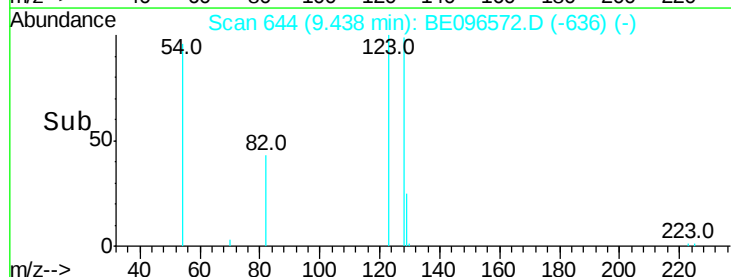
54 209.4 154.2 231.4

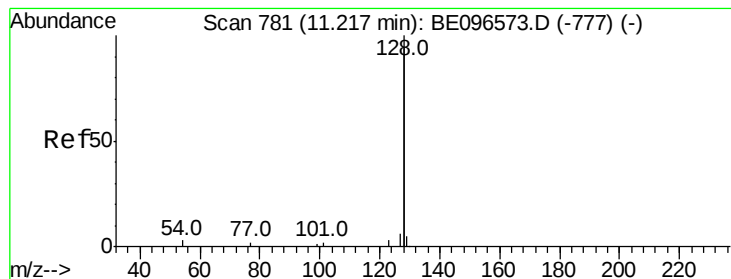


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.208 ng

RT: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

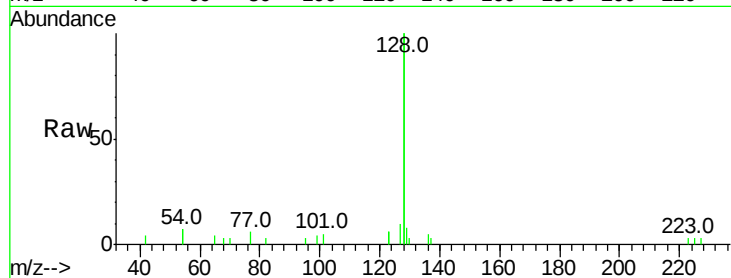
Tot Ion:128 Resp: 5745

Ion Ratio Lower Upper

128 100

129 4.2 2.6 3.8#

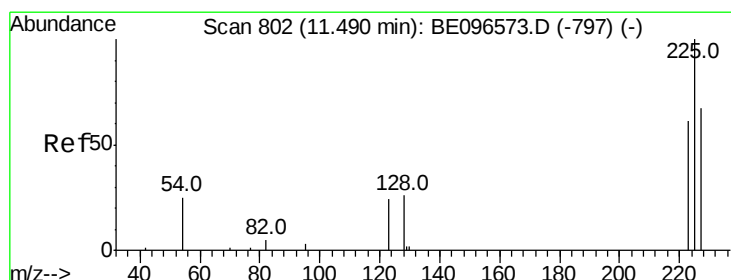
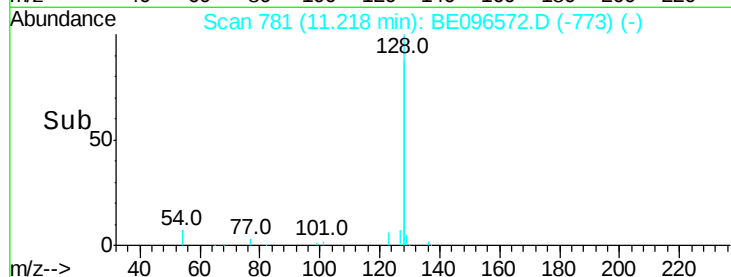
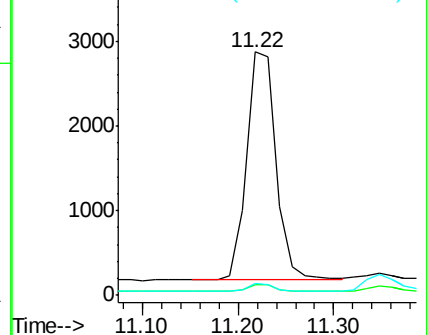
127 5.0 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.270 ng

RT: 11.49 min Scan# 802

Delta R.T. 0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

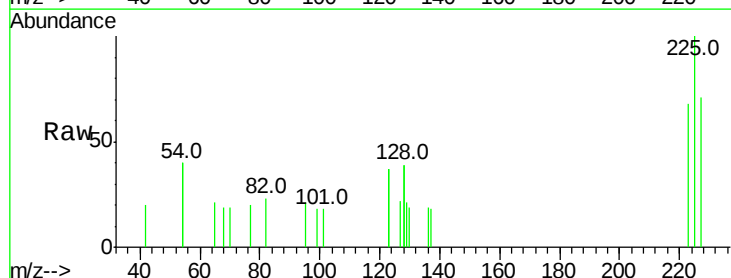
Tgt Ion:225 Resp: 330

Ion Ratio Lower Upper

225 100

223 63.6 53.0 79.6

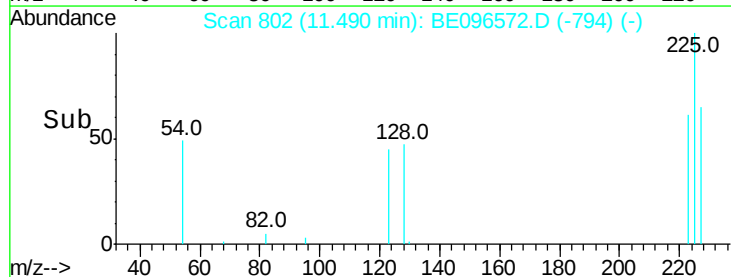
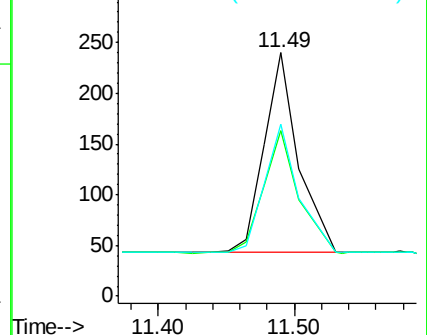
227 64.5 51.4 77.2

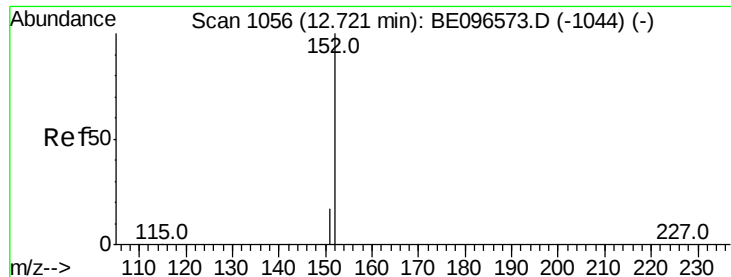


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

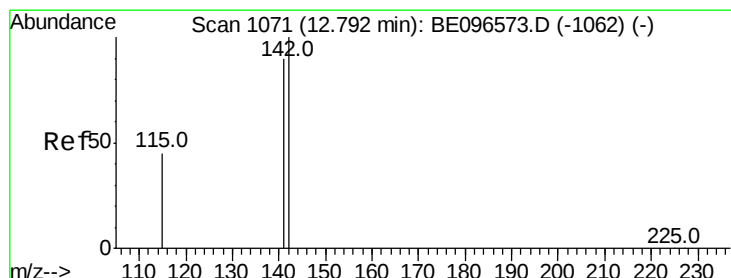
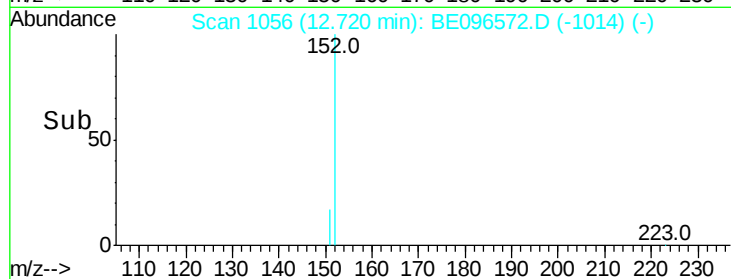
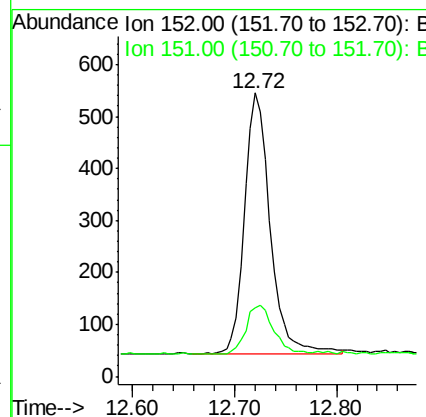
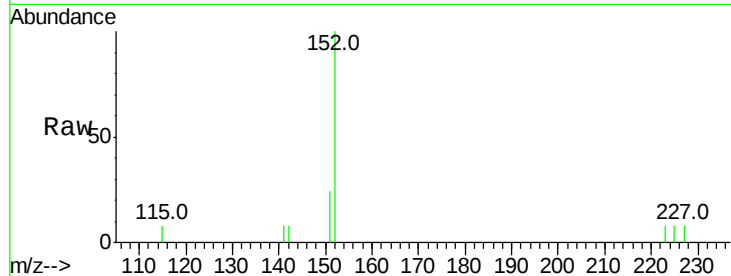




#11
2-Methylnaphthalene-d10
Concen: 0.214 ng
RT: 12.72 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

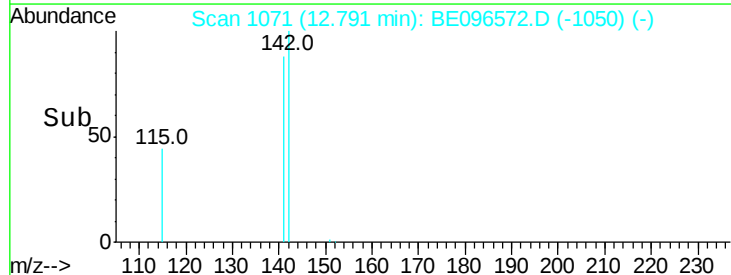
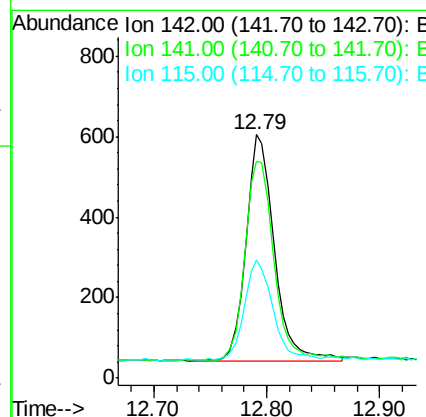
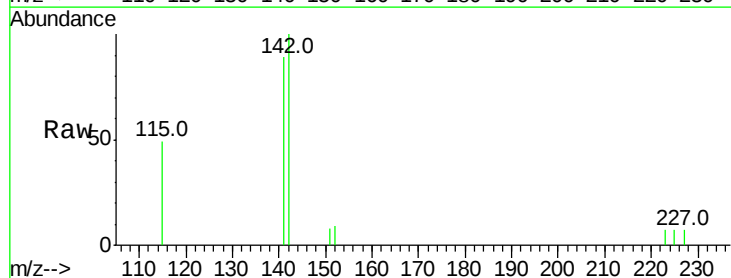
Instrument :
BNA_E
ClientSampled :
SSTDIC0.2

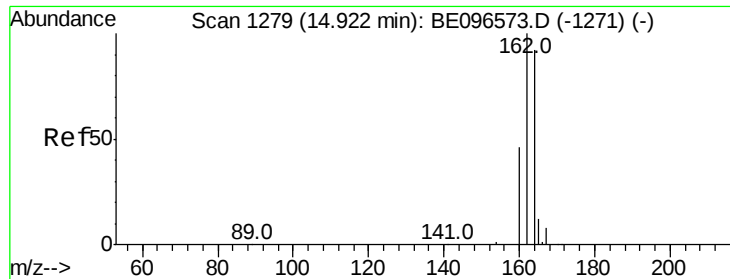
Tot Ion:152 Resp: 887
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.212 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:142 Resp: 968
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6
115 48.8 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.92 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

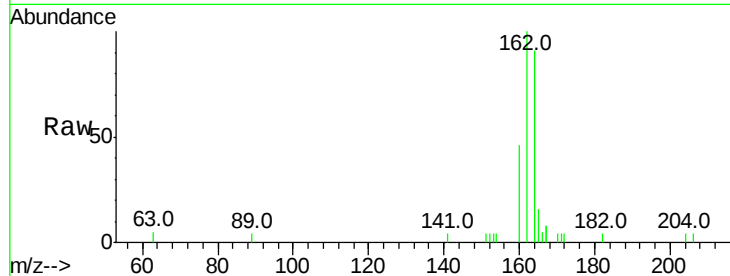
Tot Ion:164 Resp: 1568

Ion Ratio Lower Upper

164 100

162 110.2 83.1 124.7

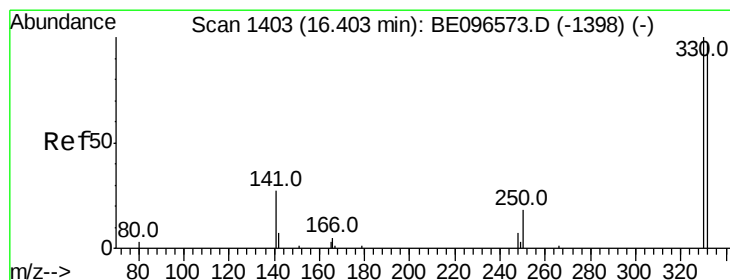
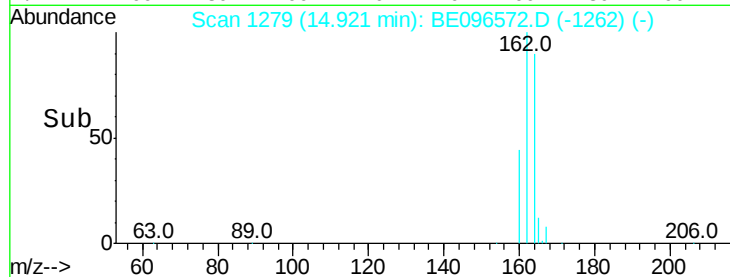
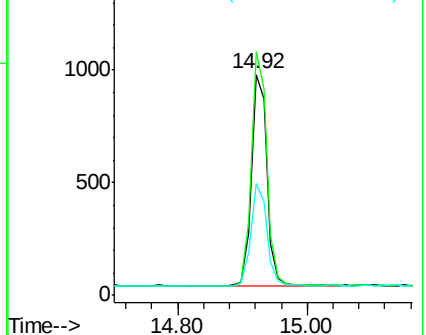
160 50.9 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.160 ng

RT: 16.40 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

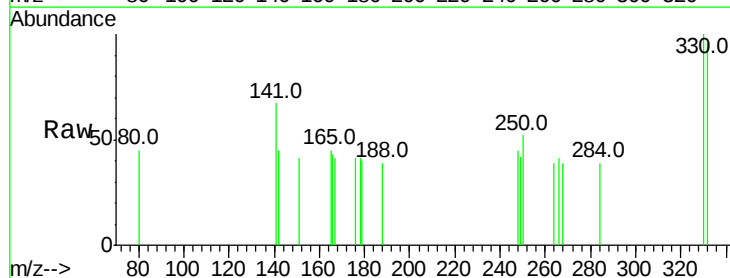
Tgt Ion:330 Resp: 121

Ion Ratio Lower Upper

330 100

332 96.7 152.7 229.1#

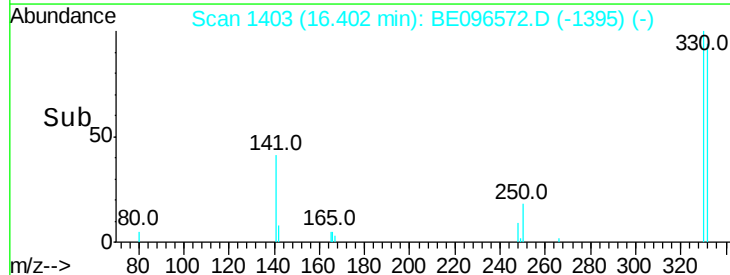
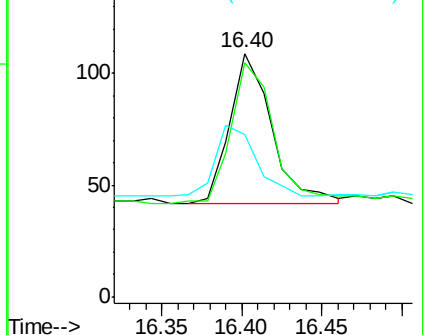
141 47.1 33.7 50.5

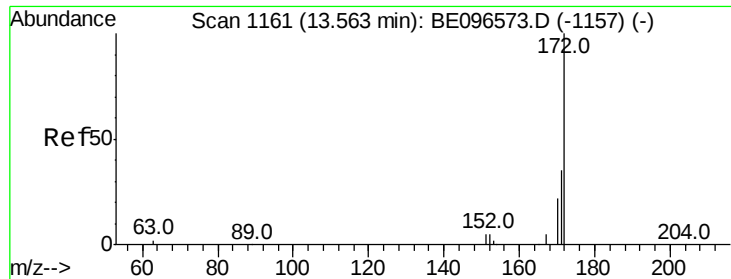


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

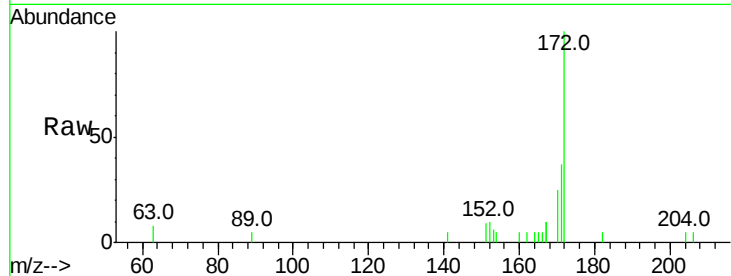




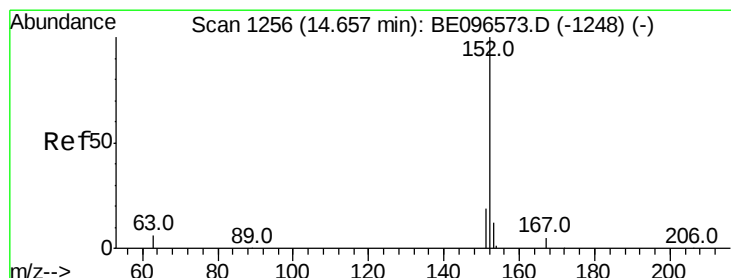
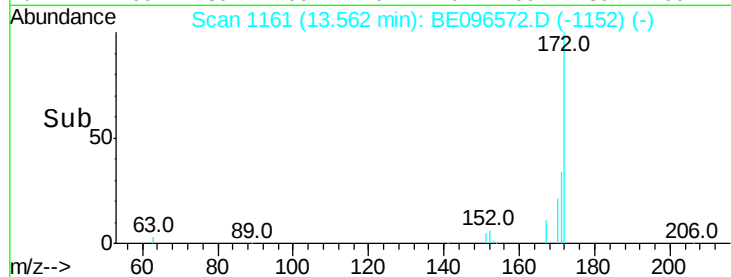
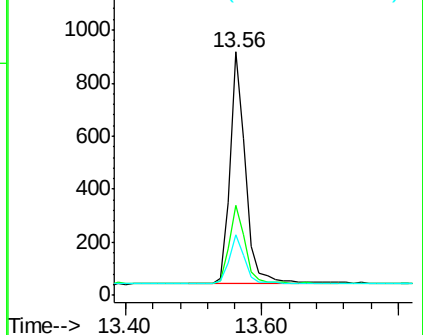
#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:172 Resp: 1407
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.7 21.8 32.8

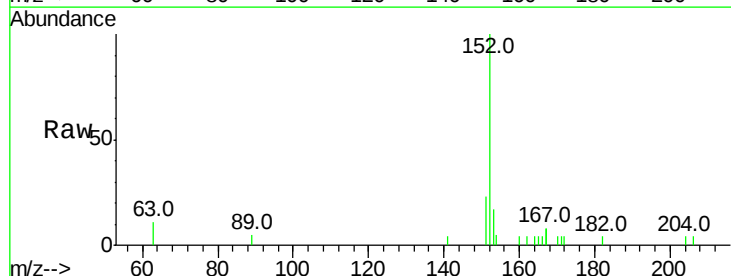


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

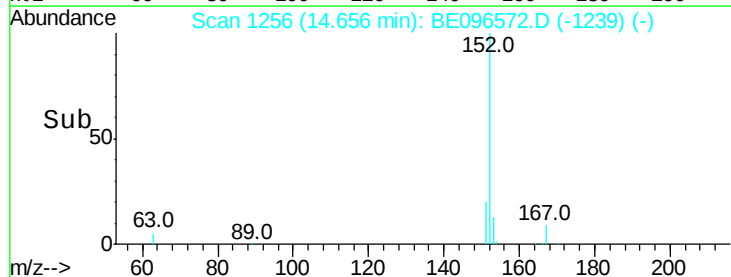
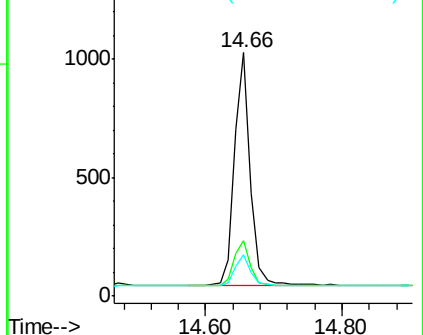


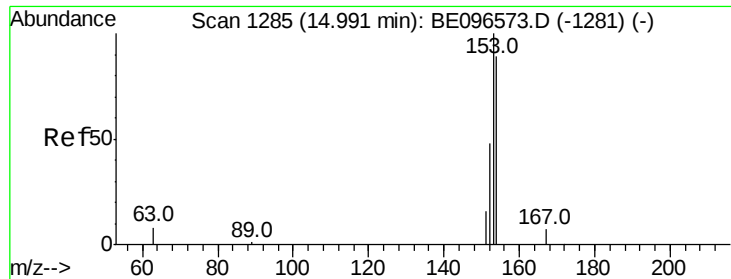
#16
Acenaphthylene
Concen: 0.191 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096572.D
Acq: 15 May 2018 9:46

Tgt Ion:152 Resp: 1603
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.199 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

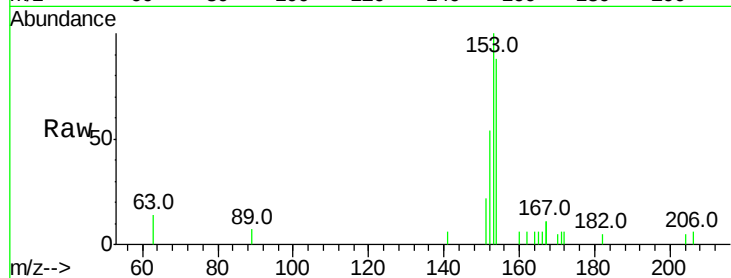
Tot Ion:154 Resp: 1001

Ion Ratio Lower Upper

154 100

153 118.5 89.2 133.8

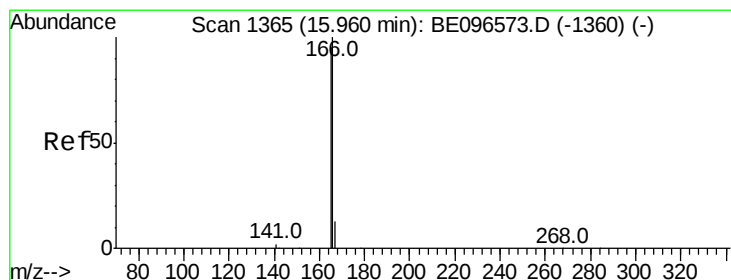
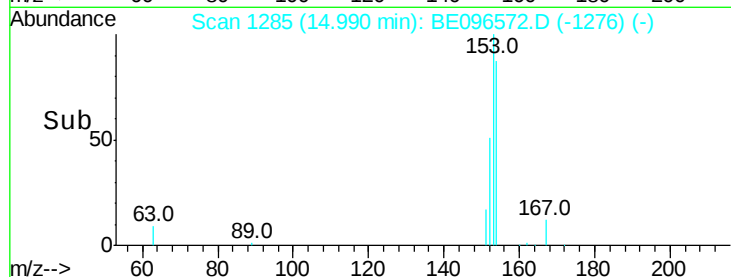
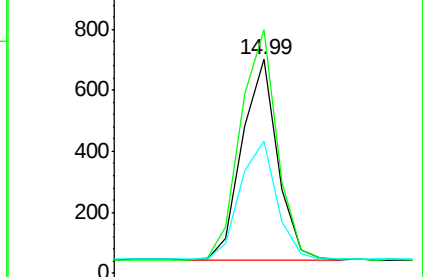
152 60.6 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.201 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

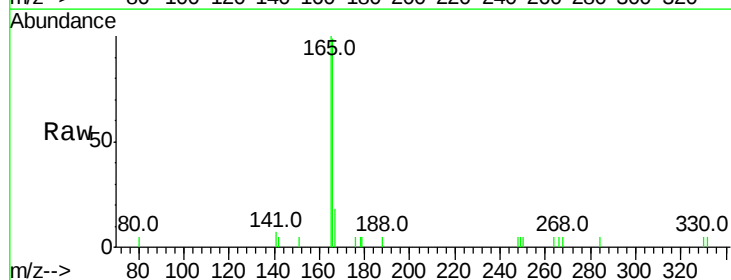
Tgt Ion:166 Resp: 1251

Ion Ratio Lower Upper

166 100

165 124.5 77.8 116.6#

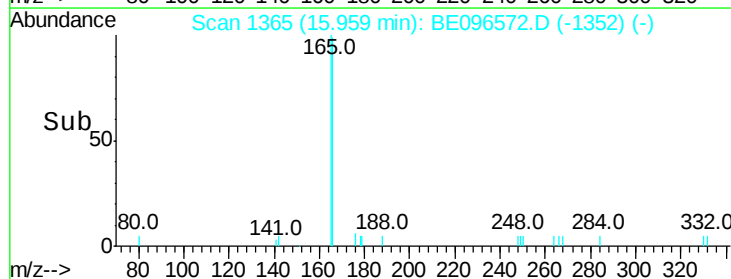
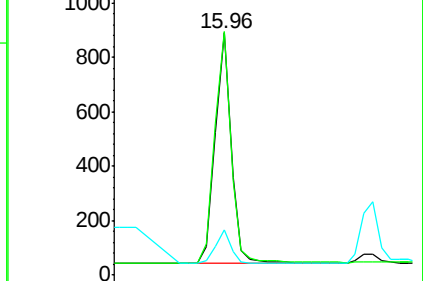
167 13.3 42.4 63.6#

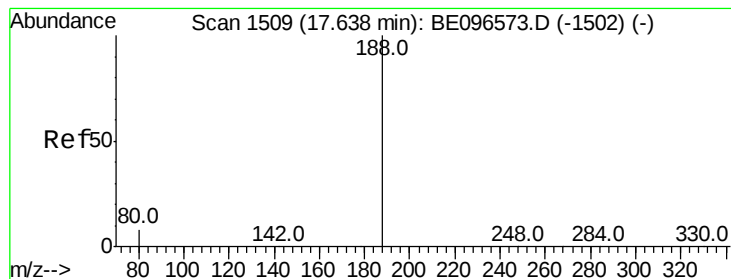


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

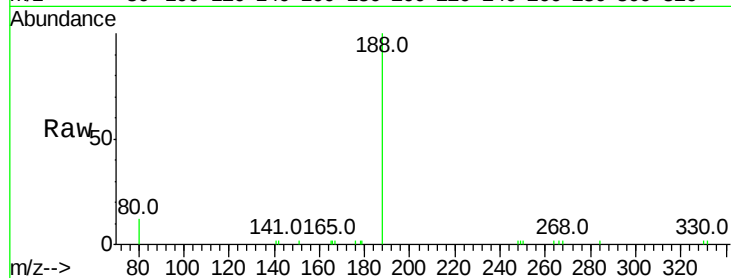
Tot Ion:188 Resp: 3531

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

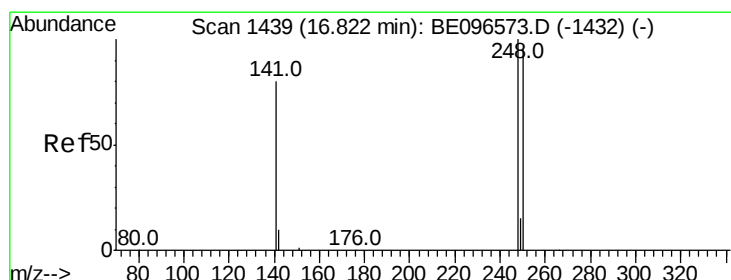
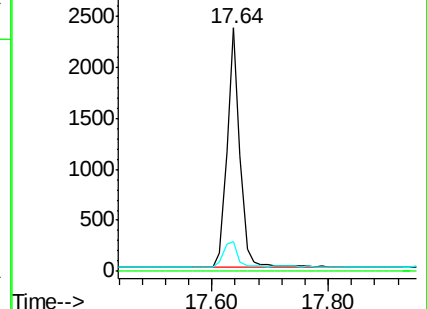
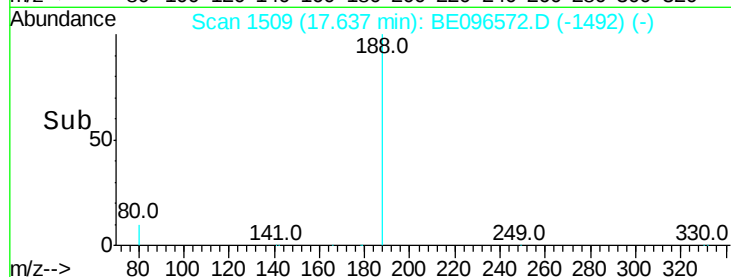
80 12.1 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.203 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

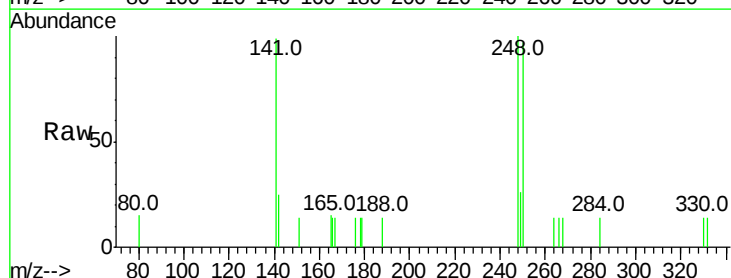
Tgt Ion:248 Resp: 426

Ion Ratio Lower Upper

248 100

250 96.8 62.7 94.1#

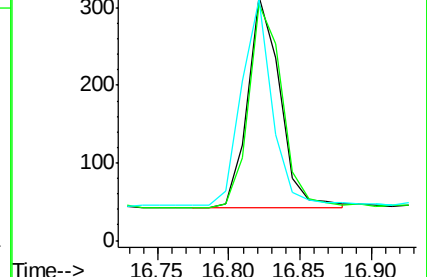
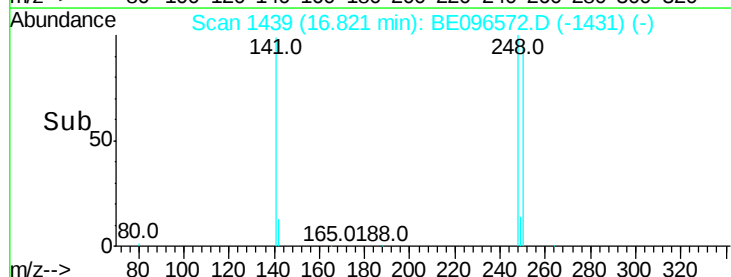
141 99.0 48.2 72.2#

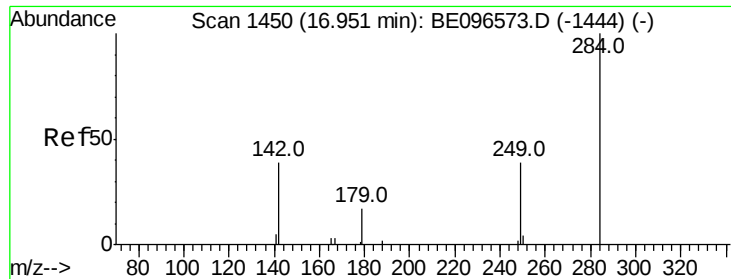


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.227 ng

RT: 16.95 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

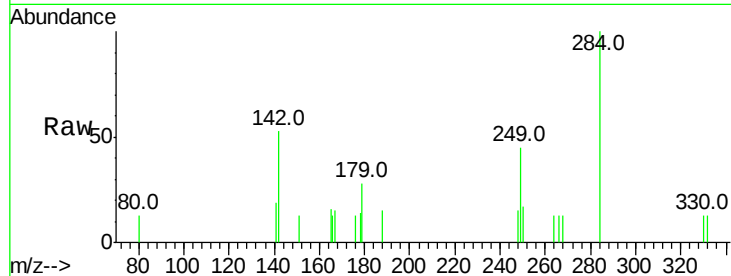
Tot Ion:284 Resp: 475

Ion Ratio Lower Upper

284 100

142 45.5 22.1 33.1#

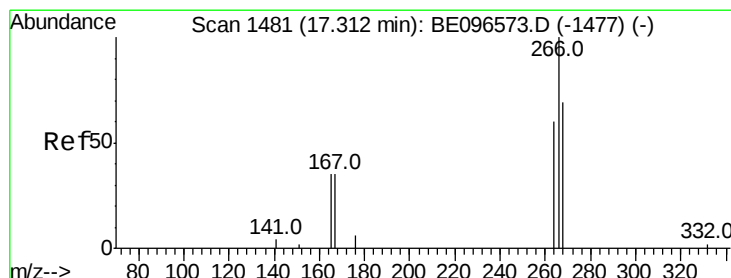
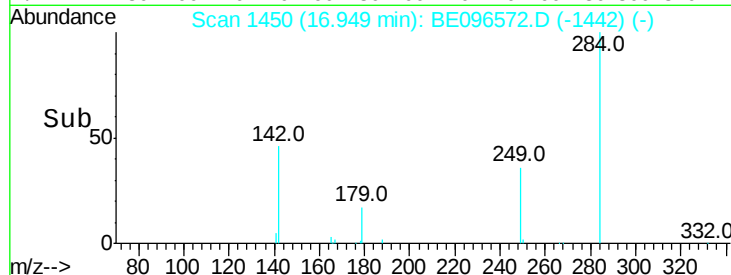
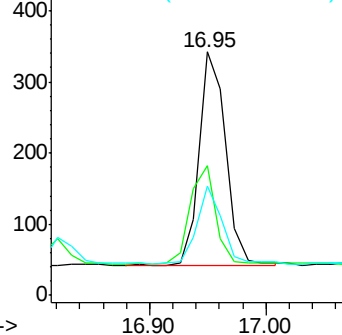
249 35.4 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.097 ng

RT: 17.31 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

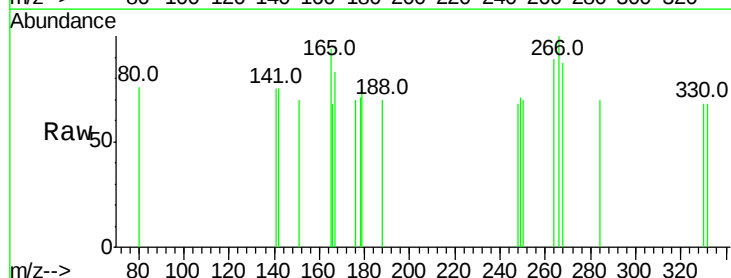
Tgt Ion:266 Resp: 67

Ion Ratio Lower Upper

266 100

264 88.9 72.5 108.7

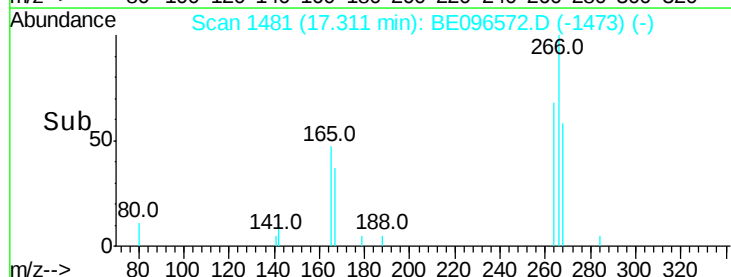
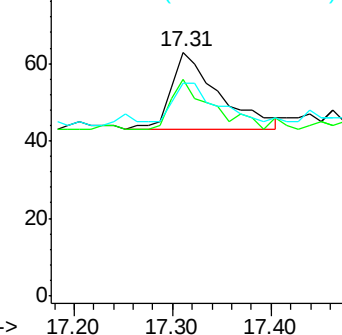
268 87.3 73.8 110.6

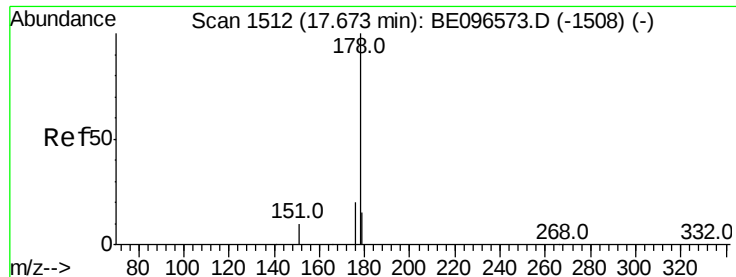


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.204 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

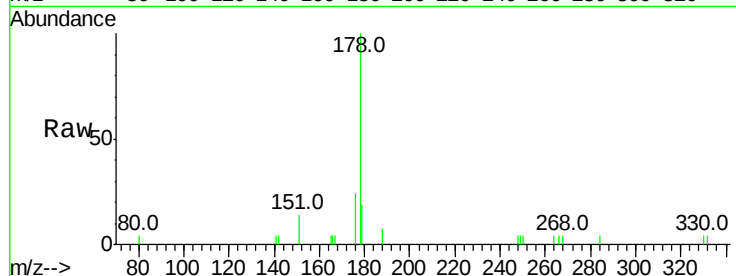
Tot Ion:178 Resp: 2022

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

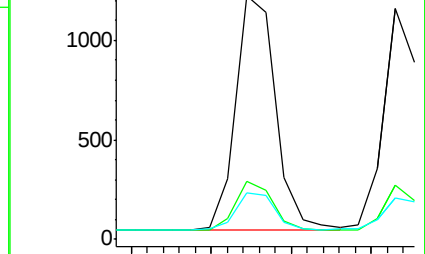
179 15.5 11.8 17.6



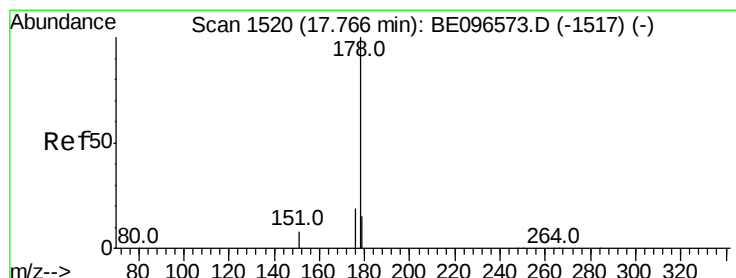
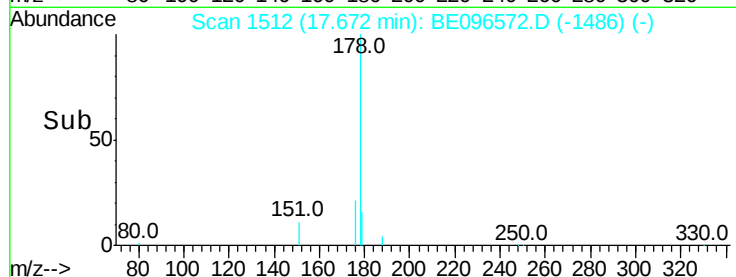
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.194 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

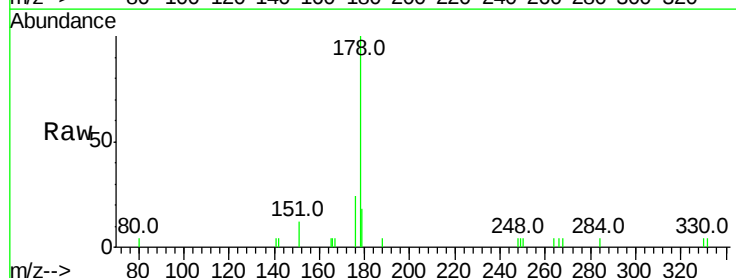
Tgt Ion:178 Resp: 1837

Ion Ratio Lower Upper

178 100

176 19.4 12.8 19.2#

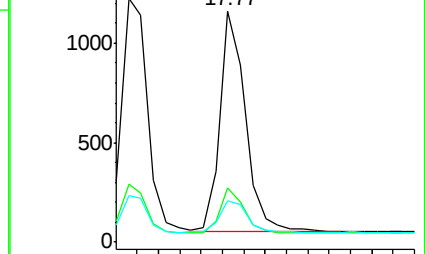
179 15.5 13.0 19.6



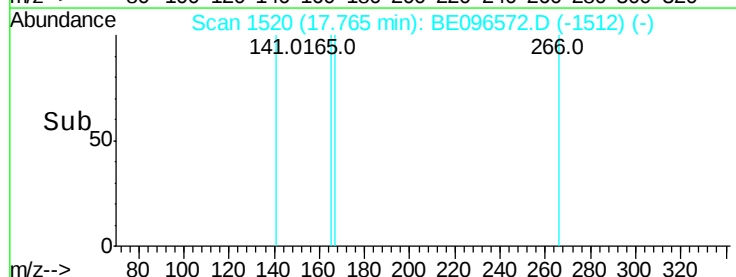
Abundance Ion 178.00 (177.70 to 178.70): E

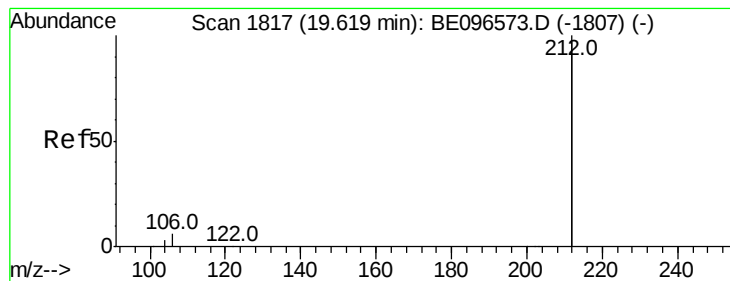
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.180 ng

RT: 19.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

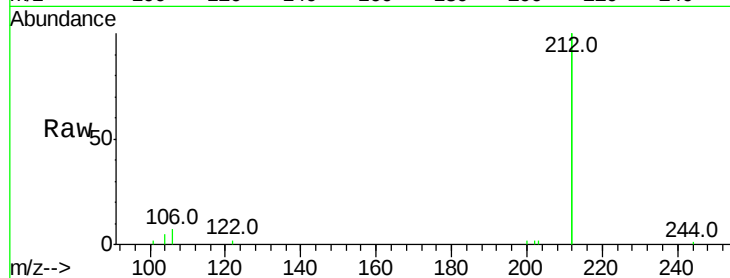
Tot Ion:212 Resp: 8641

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2#

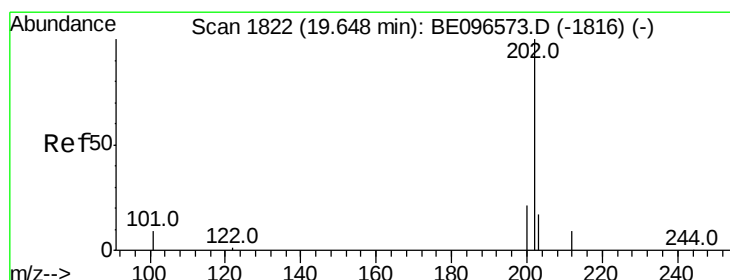
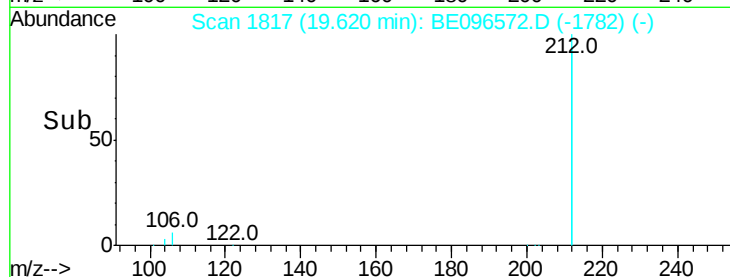
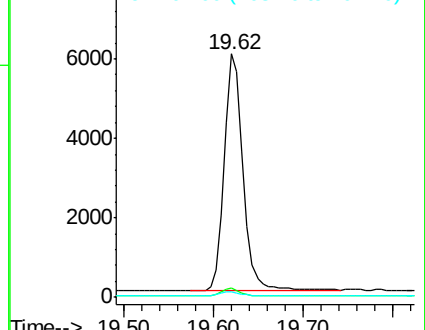
104 1.6 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.178 ng

RT: 19.65 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

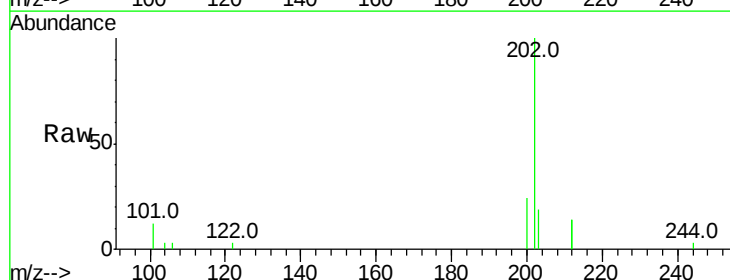
Tgt Ion:202 Resp: 2319

Ion Ratio Lower Upper

202 100

101 9.7 9.8 14.8#

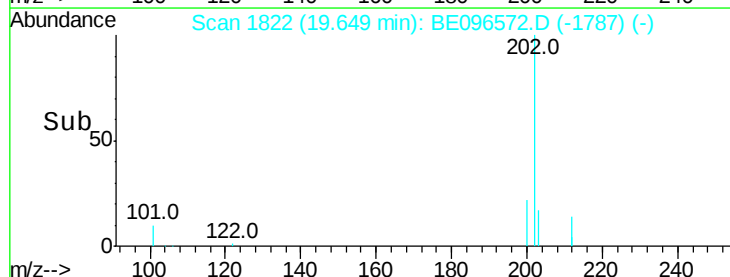
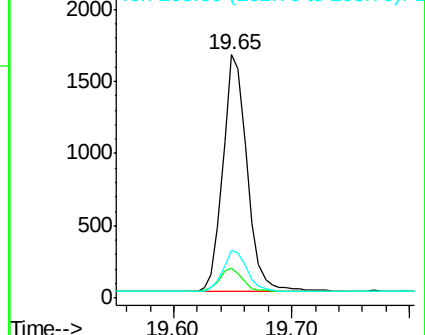
203 16.9 13.7 20.5

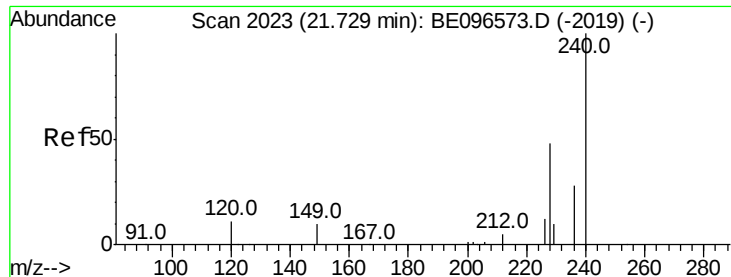


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

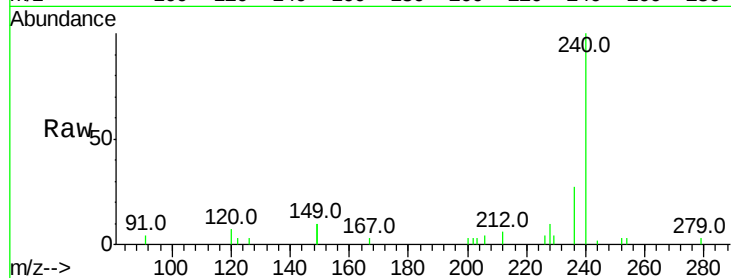
Tot Ion:240 Resp: 3337

Ion Ratio Lower Upper

240 100

120 7.3 5.5 8.3

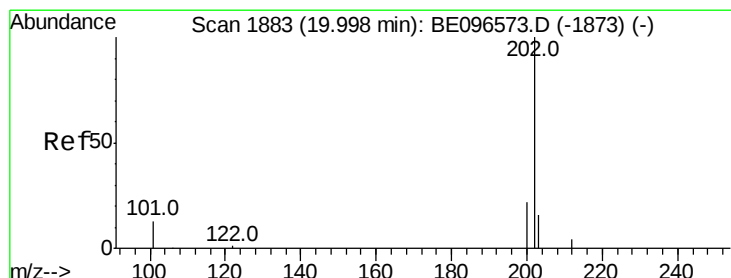
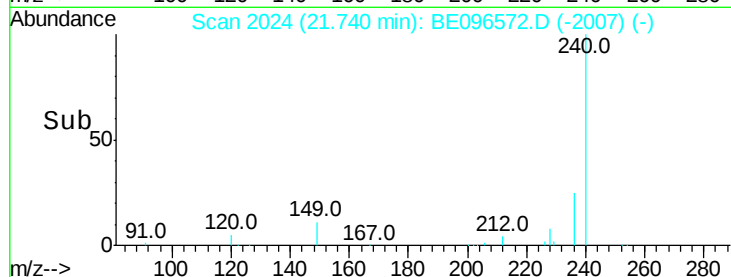
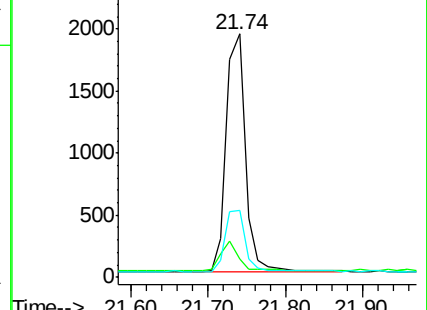
236 27.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.205 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

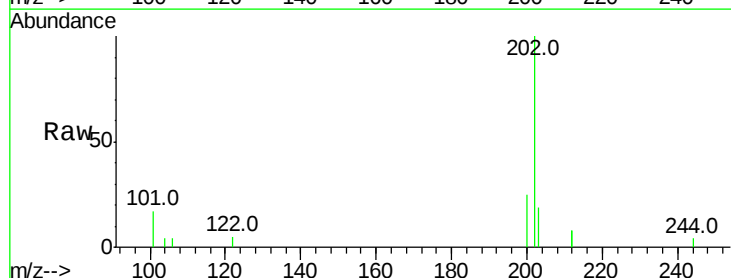
Tgt Ion:202 Resp: 1349

Ion Ratio Lower Upper

202 100

200 23.2 16.6 25.0

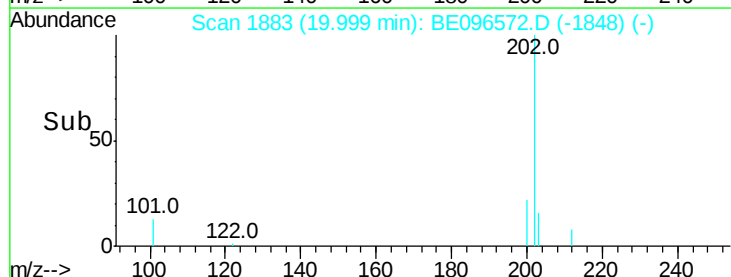
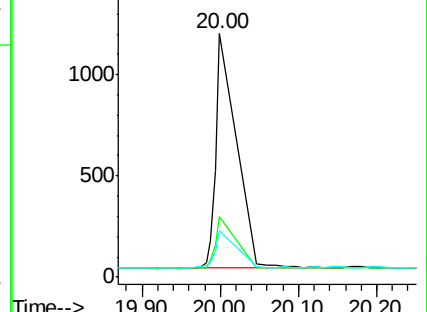
203 15.8 13.8 20.8

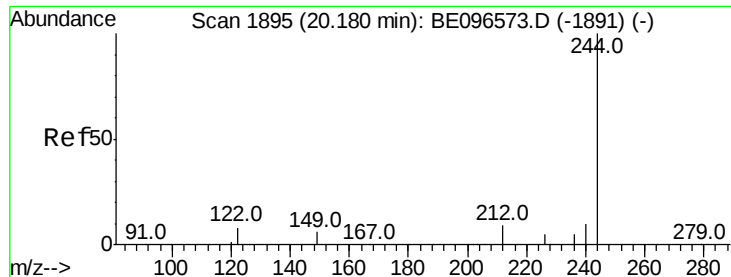


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.203 ng

RT: 20.18 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

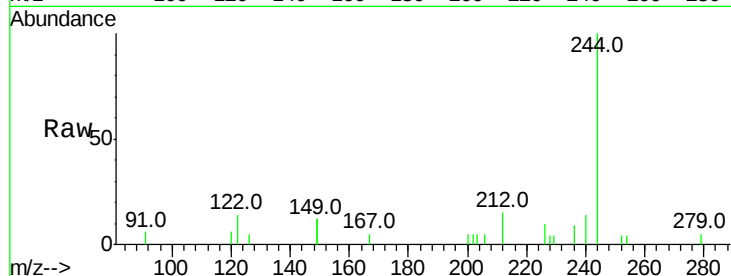
Tot Ion:244 Resp: 1500

Ion Ratio Lower Upper

244 100

212 14.6 25.4 38.0#

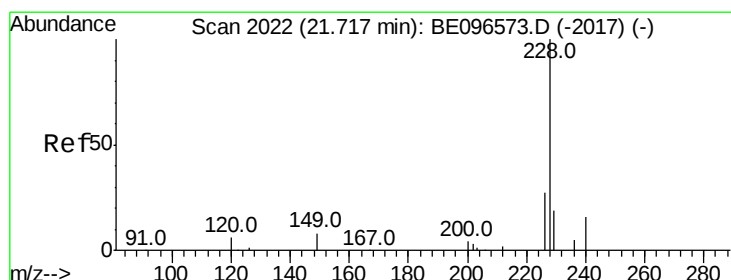
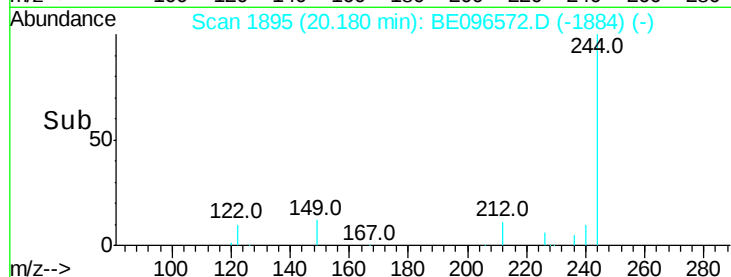
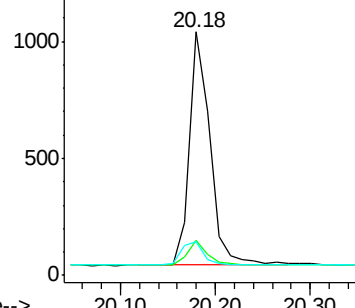
122 13.6 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.194 ng

RT: 21.72 min Scan# 222

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

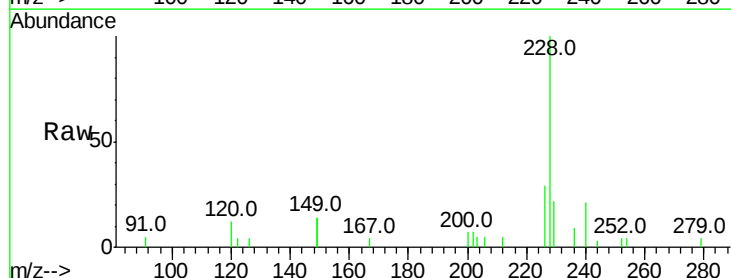
Tgt Ion:228 Resp: 2074

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

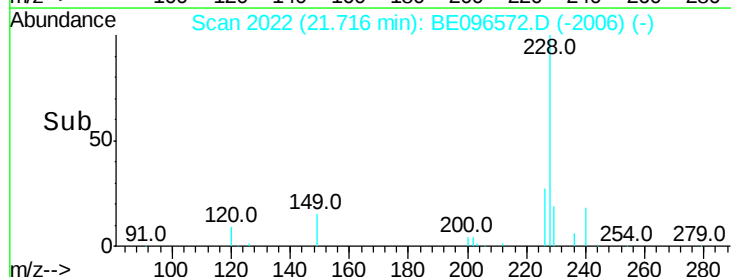
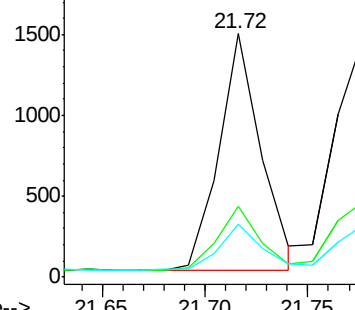
229 21.9 16.0 24.0

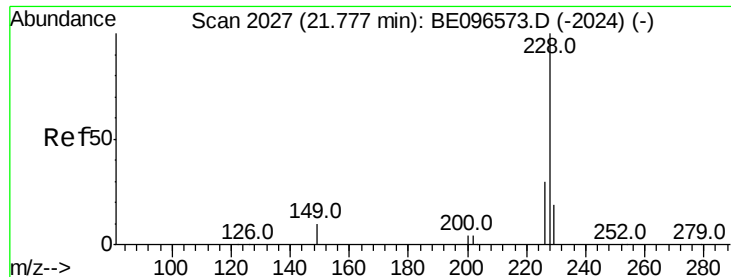


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.214 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

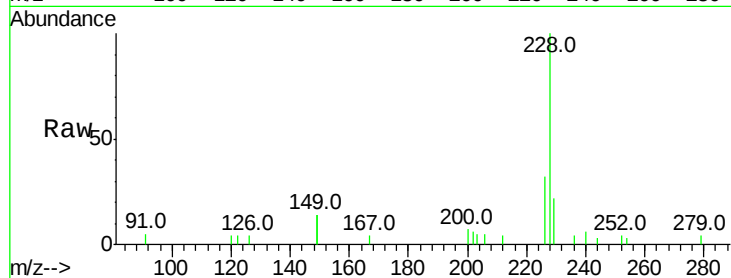
Tot Ion:228 Resp: 2211

Ion Ratio Lower Upper

228 100

226 31.7 24.0 36.0

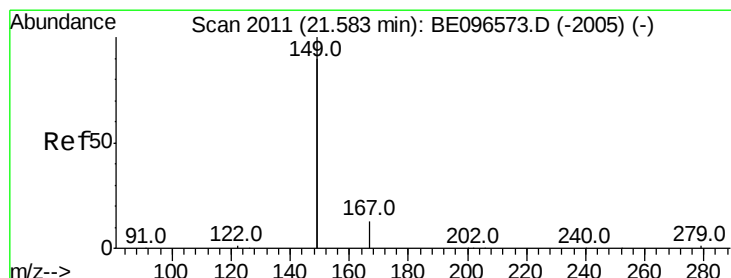
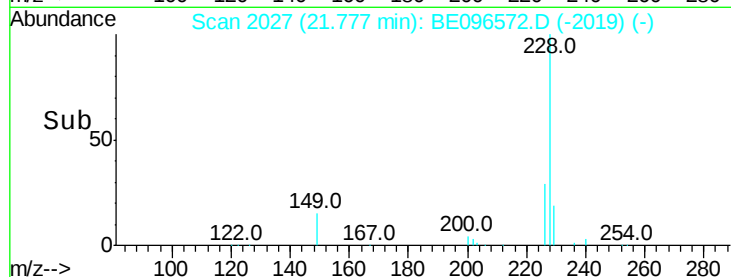
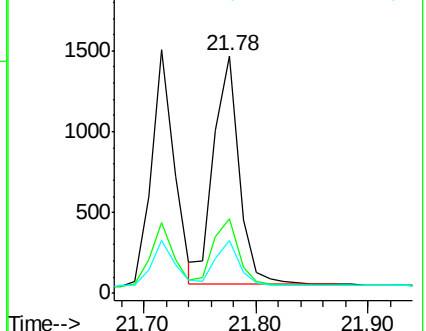
229 22.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.156 ng

RT: 21.58 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

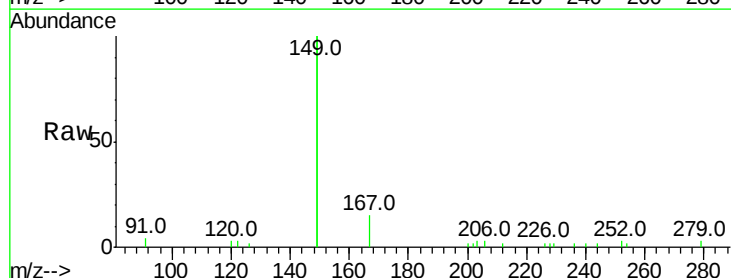
Tgt Ion:149 Resp: 4313

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

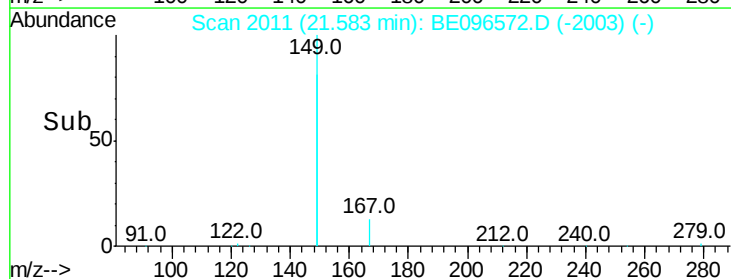
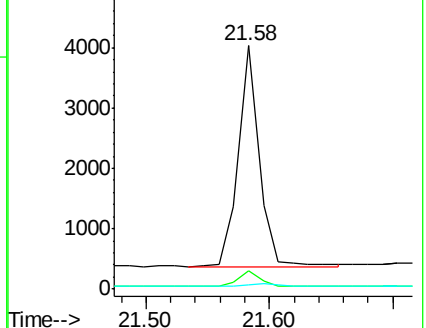
279 1.1 0.7 1.1#

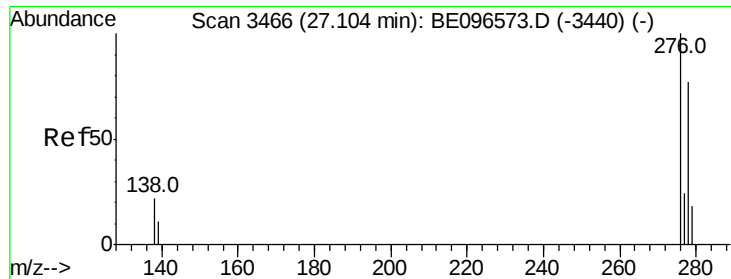


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.096 ng

RT: 27.10 min Scan# 3465

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

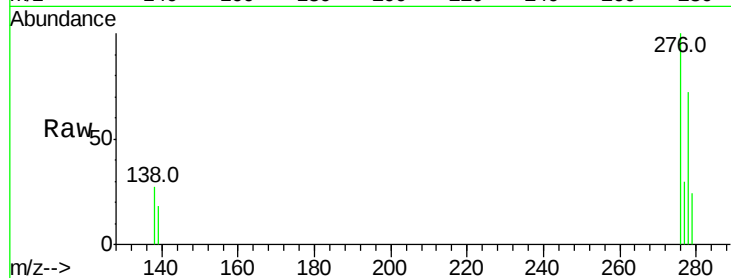
Tot Ion:276 Resp: 960

Ion Ratio Lower Upper

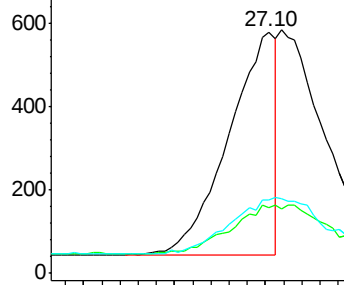
276 100

138 24.2 22.5 33.7

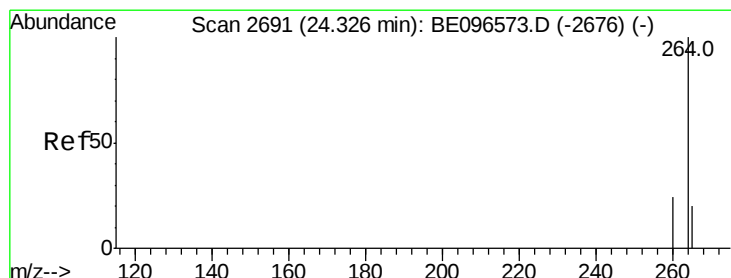
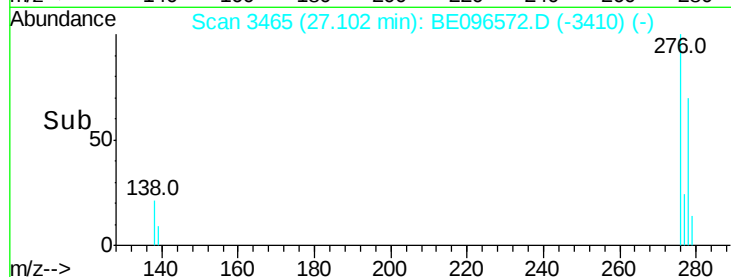
277 52.0 19.9 29.9#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

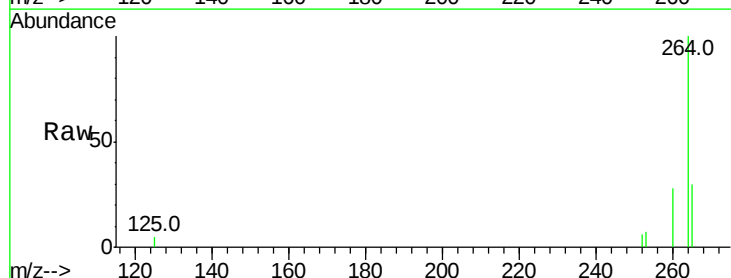
Tgt Ion:264 Resp: 3055

Ion Ratio Lower Upper

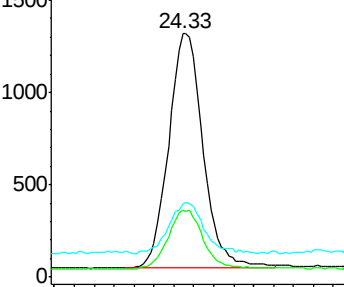
264 100

260 27.5 20.5 30.7

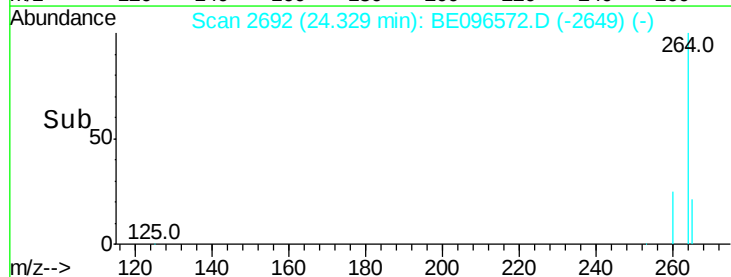
265 30.1 22.8 34.2

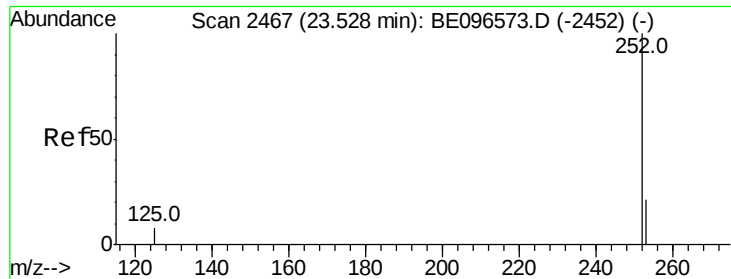


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#35

Benzo(b)fluoranthene

Concen: 0.209 ng

RT: 23.53 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

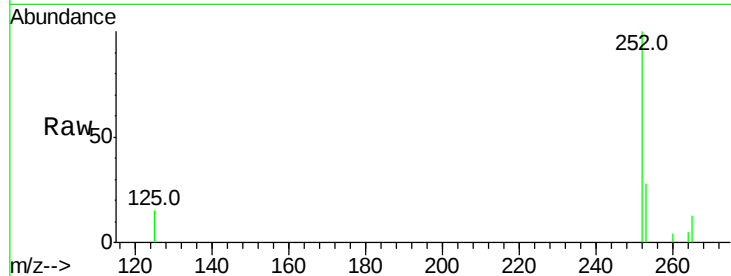
Tot Ion:252 Resp: 1916

Ion Ratio Lower Upper

252 100

253 28.2 20.0 30.0

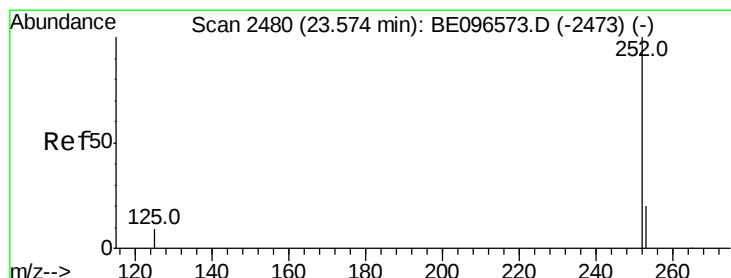
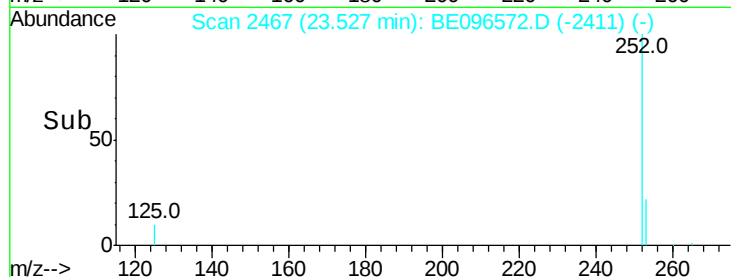
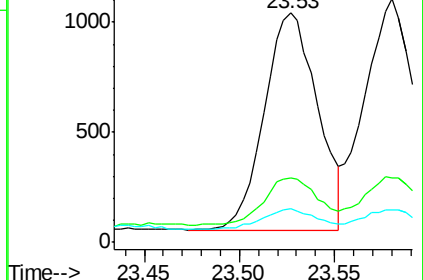
125 14.7 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.214 ng

RT: 23.58 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

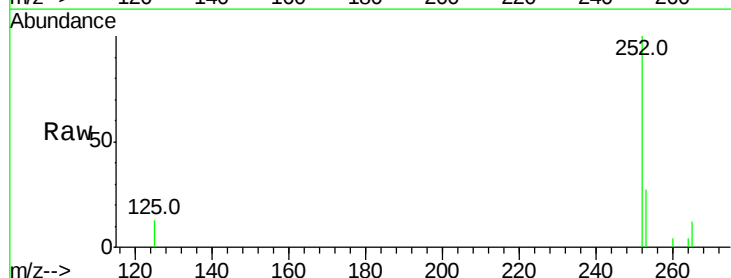
Tgt Ion:252 Resp: 2017

Ion Ratio Lower Upper

252 100

253 26.6 16.0 24.0#

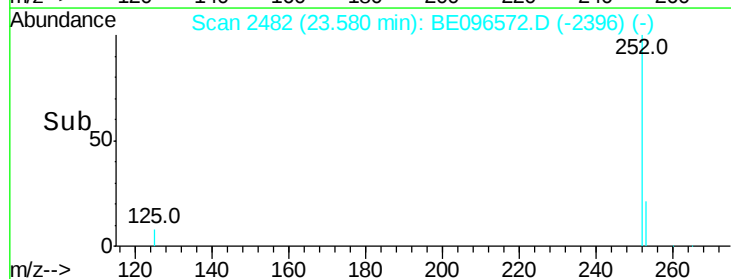
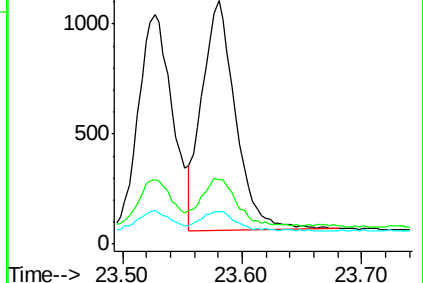
125 13.2 8.0 12.0#

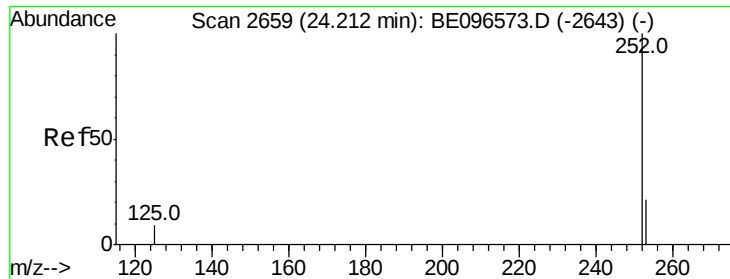


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.209 ng

RT: 24.21 min Scan# 2660

Delta R.T. 0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

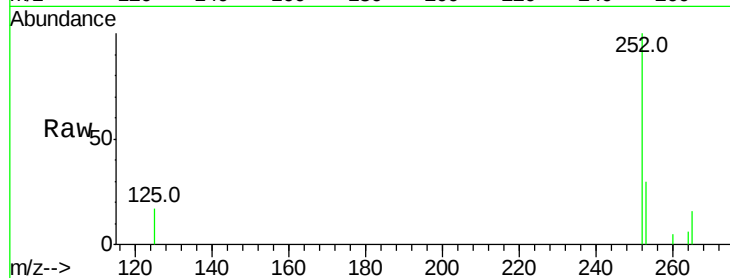
Tot Ion:252 Resp: 1844

Ion Ratio Lower Upper

252 100

253 30.1 16.0 24.0#

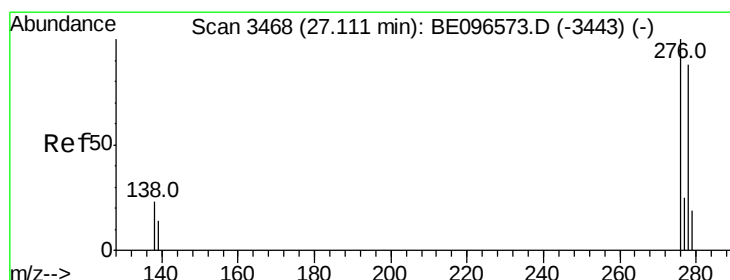
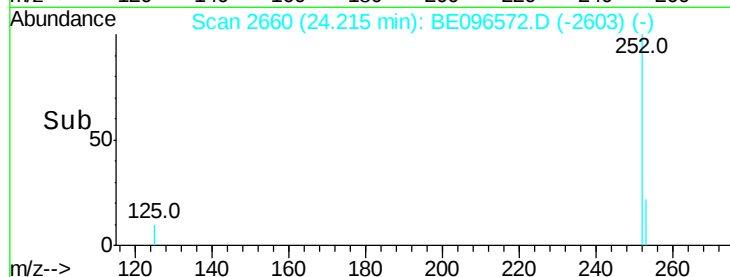
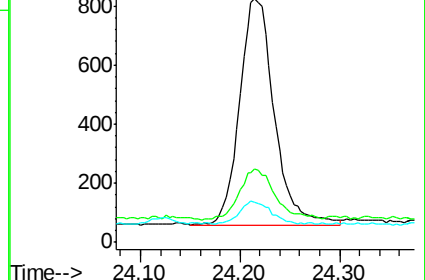
125 16.6 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.215 ng

RT: 27.12 min Scan# 3469

Delta R.T. 0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

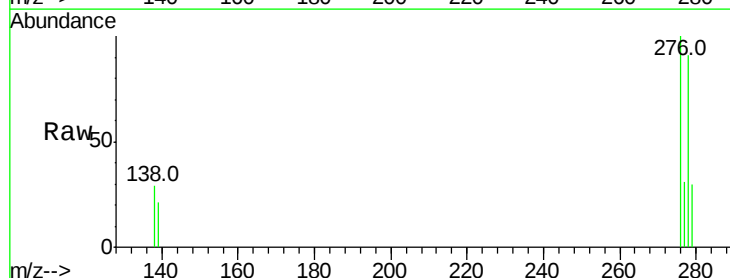
Tgt Ion:278 Resp: 1672

Ion Ratio Lower Upper

278 100

139 23.2 16.0 24.0

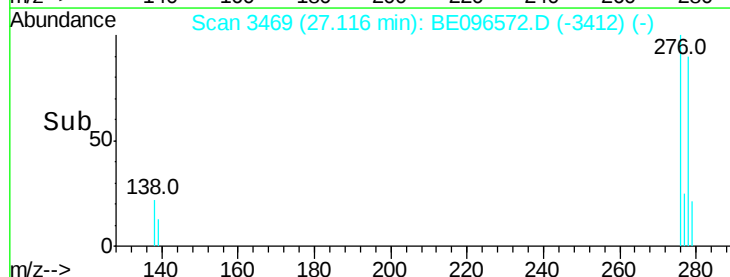
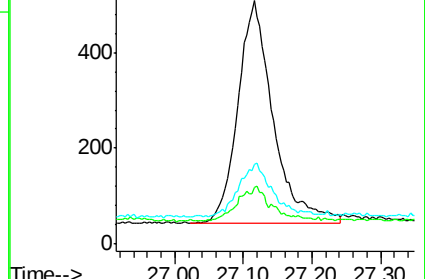
279 32.7 20.0 30.0#

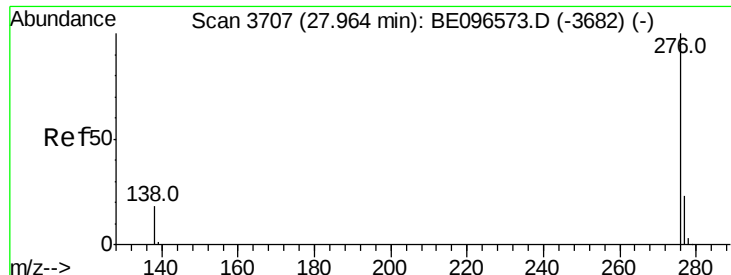


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.216 ng

RT: 27.97 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BE096572.D

Acq: 15 May 2018 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

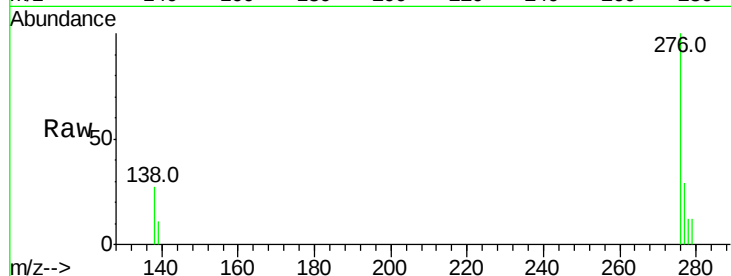
Tot Ion:276 Resp: 1773

Ion Ratio Lower Upper

276 100

277 29.3 16.0 24.0#

138 27.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

